

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122221\
 Data File : BM033573.D
 Acq On : 22 Dec 2021 13:15
 Operator : CG/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 22 14:39:38 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 22 12:43:31 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

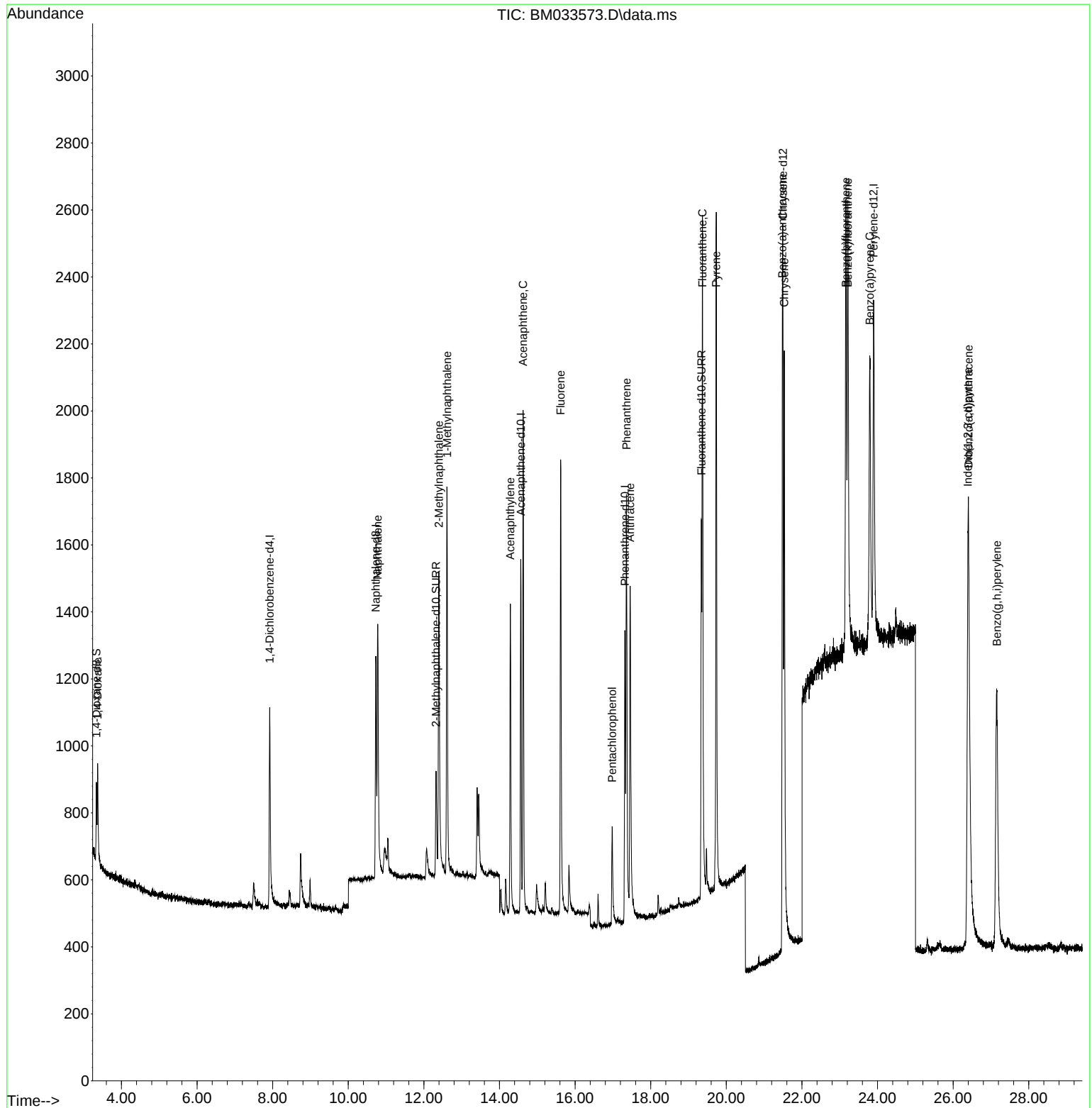
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	415	0.400	ng/ul	0.00
4) Naphthalene-d8	10.729	136	1085	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.564	164	627	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.316	188	1347	0.400	ng/ul	0.00
17) Chrysene-d12	21.497	240	1692	0.400	ng/ul	# 0.00
23) Perylene-d12	23.897	264	1680	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.337	96	143	0.404	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.321	152	555	0.383	ng/ul	0.00
18) Fluoranthene-d10	19.342	212	1560	0.399	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.368	88	173	0.377	ng/ul	93
5) Naphthalene	10.778	128	1357	0.378	ng/ul	96
7) 2-Methylnaphthalene	12.397	142	859	0.352	ng/ul	100
8) 1-Methylnaphthalene	12.613	142	874	0.383	ng/ul	100
10) Acenaphthylene	14.288	152	1294	0.385	ng/ul	98
11) Acenaphthene	14.625	153	996	0.389	ng/ul	94
12) Fluorene	15.618	166	1091	0.385	ng/ul	98
14) Pentachlorophenol	16.979	266	280	0.415	ng/ul	95
15) Phenanthrene	17.358	178	1712	0.392	ng/ul	96
16) Anthracene	17.458	178	1578	0.385	ng/ul	95
19) Fluoranthene	19.368	202	2101	0.405	ng/ul#	95
20) Pyrene	19.734	202	2211	0.407	ng/ul#	94
21) Benzo(a)anthracene	21.482	228	1687	0.363	ng/ul	95
22) Chrysene	21.535	228	2012	0.384	ng/ul	98
24) Benzo(b)fluoranthene	23.165	252	2053	0.386	ng/ul	87
25) Benzo(k)fluoranthene	23.214	252	2190	0.393	ng/ul#	89
26) Benzo(a)pyrene	23.798	252	1822	0.370	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.390	276	2584	0.379	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.407	278	2115	0.387	ng/ul	93
29) Benzo(g,h,i)perylene	27.158	276	2336	0.388	ng/ul	95

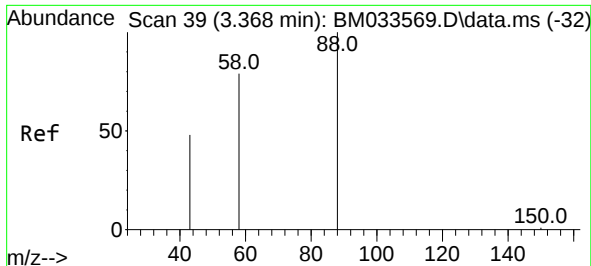
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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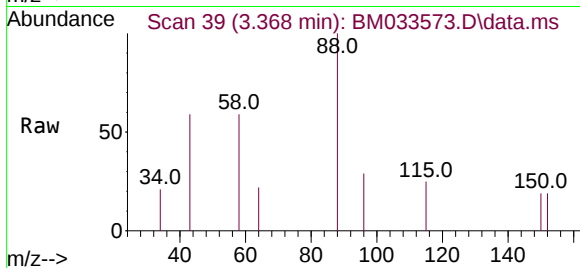
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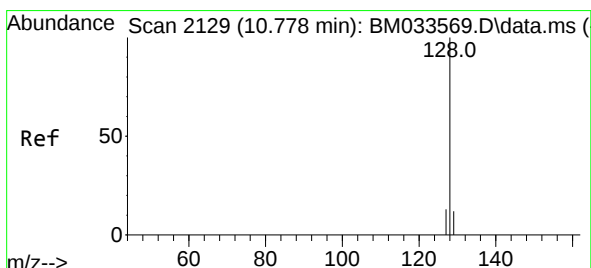
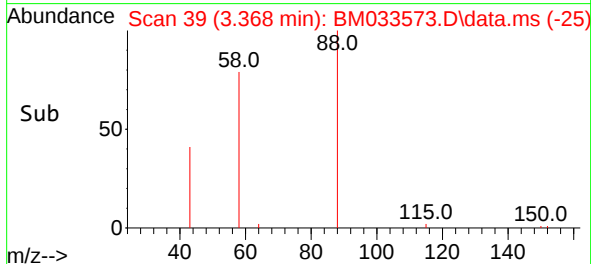
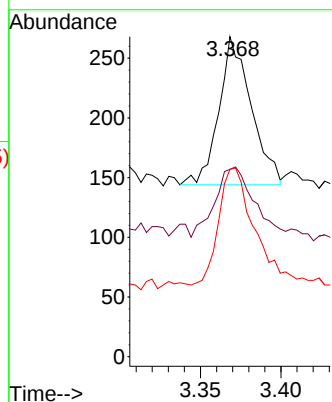
#2
1,4-Dioxane
Concen: 0.377 ng/ul
RT: 3.368 min Scan# 39
Delta R.T. -0.000 min
Lab File: BM033573.D
Acq: 22 Dec 2021 13:15

Instrument :
BNA_M
ClientSampleId :



Tgt Ion: 88 Resp: 173

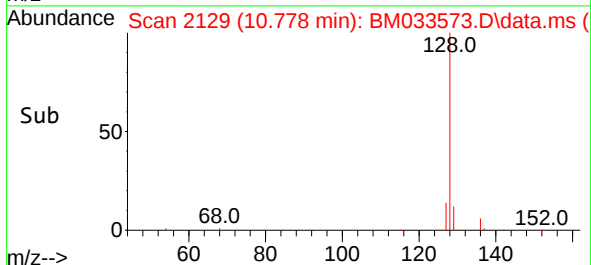
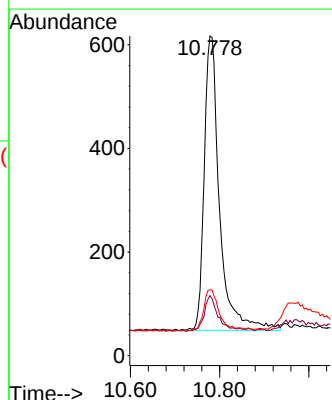
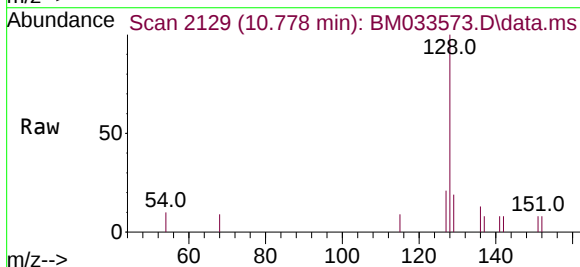
Ion	Ratio	Lower	Upper
88	100		
43	58.6	49.7	74.5
58	58.6	52.5	78.7

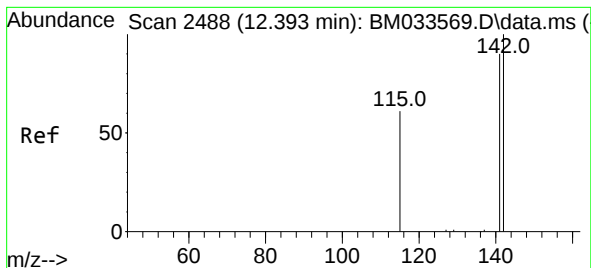


#5
Naphthalene
Concen: 0.378 ng/ul
RT: 10.778 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BM033573.D
Acq: 22 Dec 2021 13:15

Tgt Ion: 128 Resp: 1357

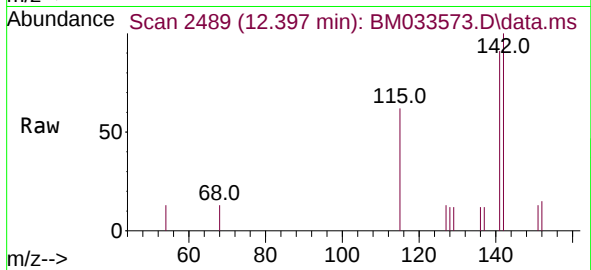
Ion	Ratio	Lower	Upper
128	100		
129	18.8	13.4	20.2
127	20.6	15.2	22.8



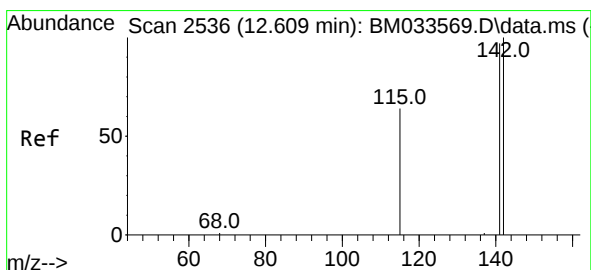
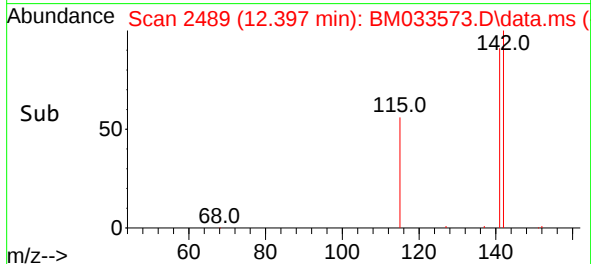
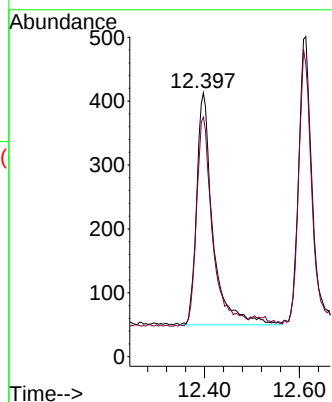


#7
2-Methylnaphthalene
Concen: 0.352 ng/ul
RT: 12.397 min Scan# 2488
Delta R.T. 0.004 min
Lab File: BM033573.D
Acq: 22 Dec 2021 13:15

Instrument :
BNA_M
ClientSampleId :

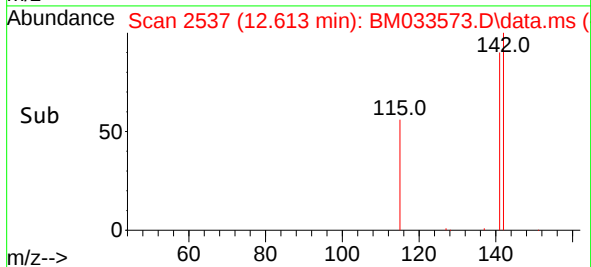
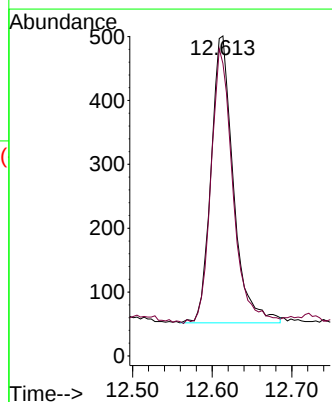
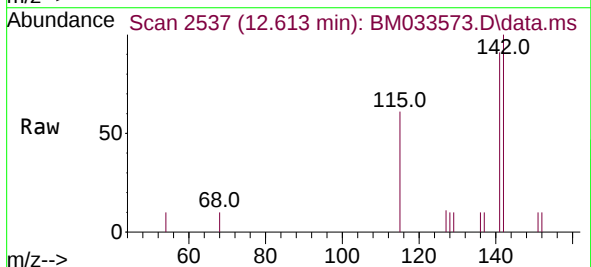


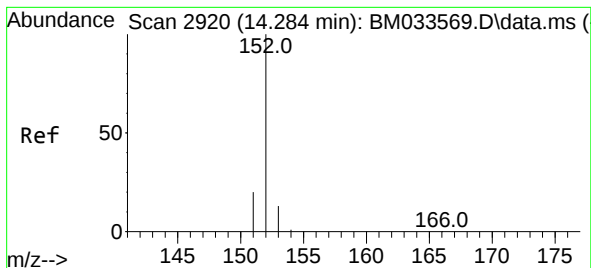
Tgt Ion:142 Resp: 859
Ion Ratio Lower Upper
142 100
141 89.6 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.383 ng/ul
RT: 12.613 min Scan# 2537
Delta R.T. 0.004 min
Lab File: BM033573.D
Acq: 22 Dec 2021 13:15

Tgt Ion:142 Resp: 874
Ion Ratio Lower Upper
142 100
141 94.2 75.0 112.4





#10

Acenaphthylene

Concen: 0.385 ng/ul

RT: 14.288 min Scan# 2920

Delta R.T. 0.004 min

Lab File: BM033573.D

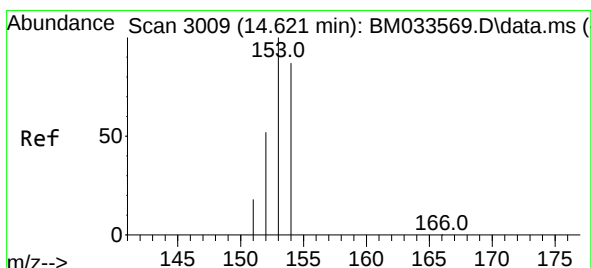
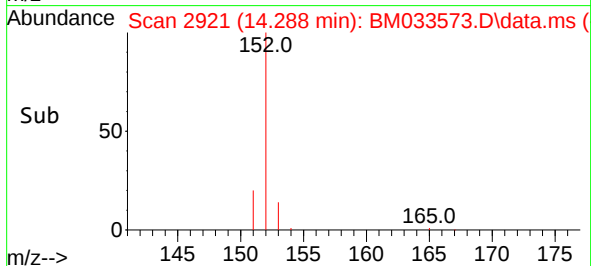
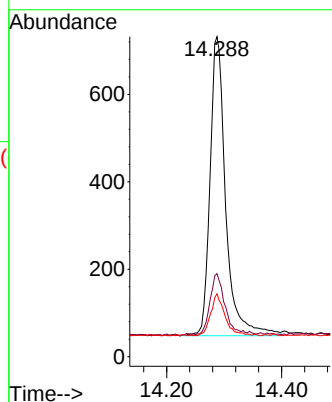
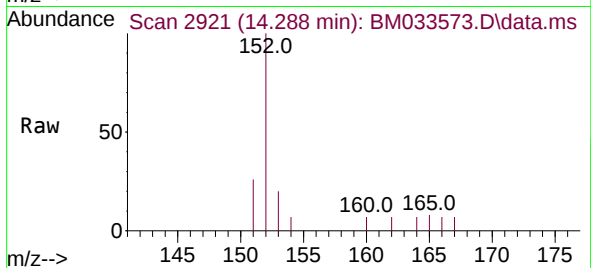
Acq: 22 Dec 2021 13:15

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:152	Resp:	1294
Ion Ratio	Lower	Upper
152	100	
151	26.0	19.9 29.9
153	19.7	15.0 22.4



#11

Acenaphthene

Concen: 0.389 ng/ul

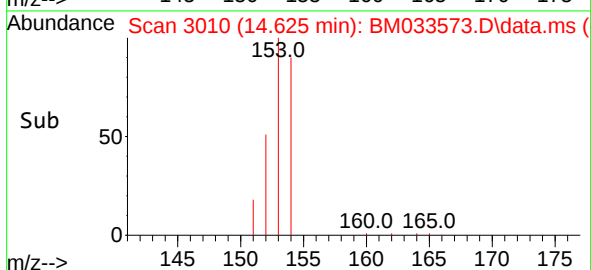
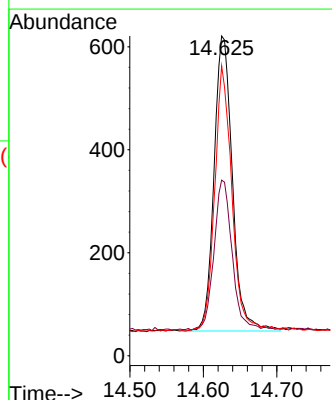
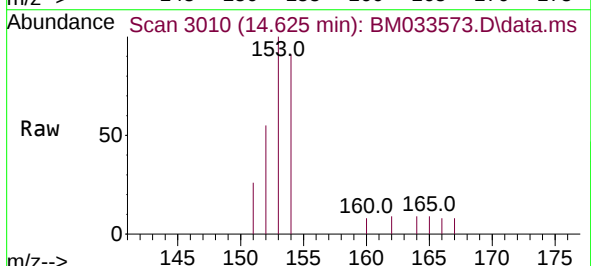
RT: 14.625 min Scan# 3010

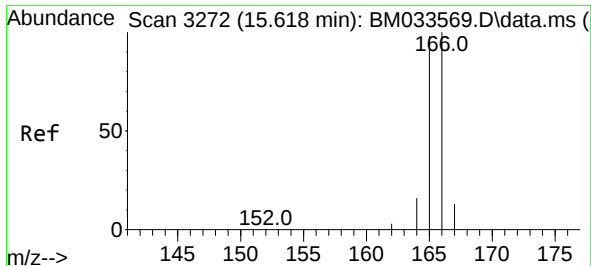
Delta R.T. 0.004 min

Lab File: BM033573.D

Acq: 22 Dec 2021 13:15

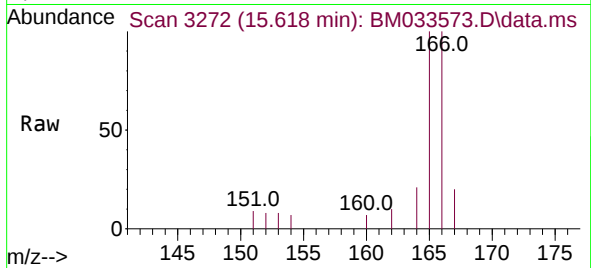
Tgt Ion:153	Resp:	996
Ion Ratio	Lower	Upper
153	100	
152	54.9	42.4 63.6
154	90.7	66.2 99.2



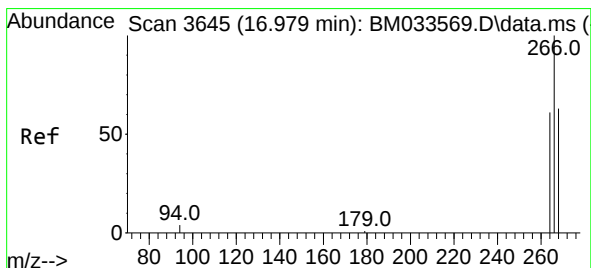
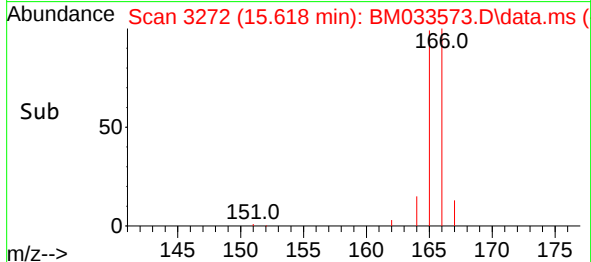
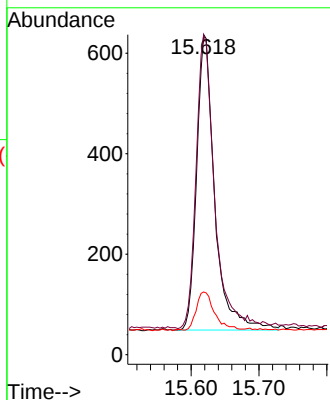


#12
 Fluorene
 Concen: 0.385 ng/ul
 RT: 15.618 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BM033573.D
 Acq: 22 Dec 2021 13:15

Instrument :
 BNA_M
 ClientSampleId :

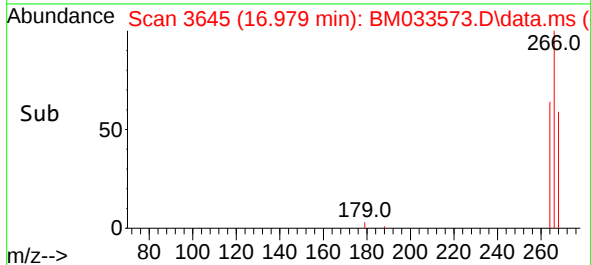
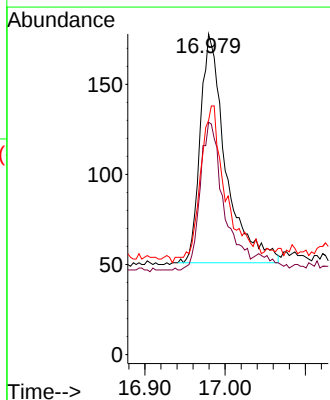
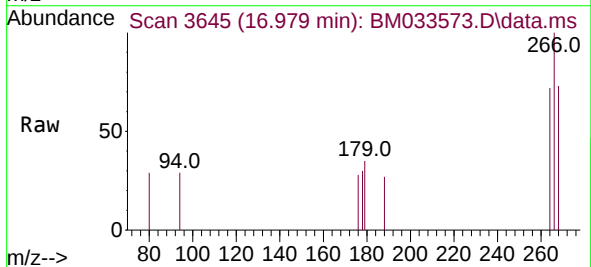


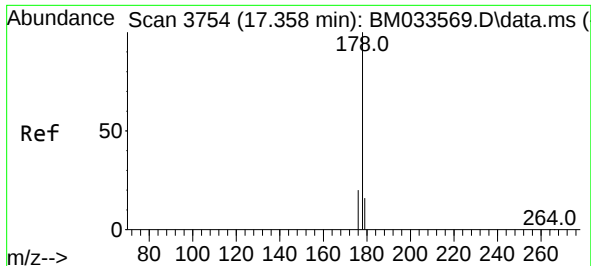
Tgt Ion:	166	Resp:	1091
Ion	Ratio	Lower	Upper
166	100		
165	100.0	81.1	121.7
167	19.6	14.9	22.3



#14
 Pentachlorophenol
 Concen: 0.415 ng/ul
 RT: 16.979 min Scan# 3645
 Delta R.T. -0.000 min
 Lab File: BM033573.D
 Acq: 22 Dec 2021 13:15

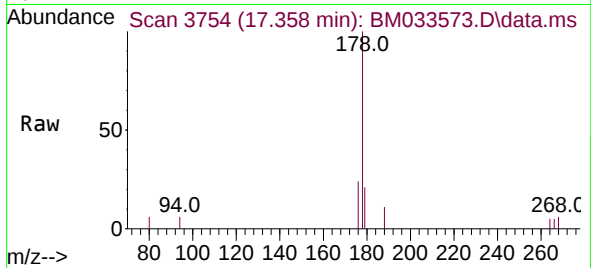
Tgt Ion:	266	Resp:	280
Ion	Ratio	Lower	Upper
266	100		
264	60.0	51.4	77.0
268	62.9	53.1	79.7



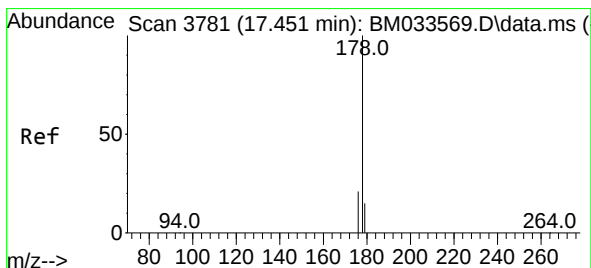
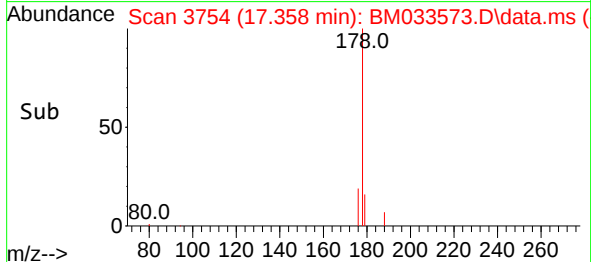
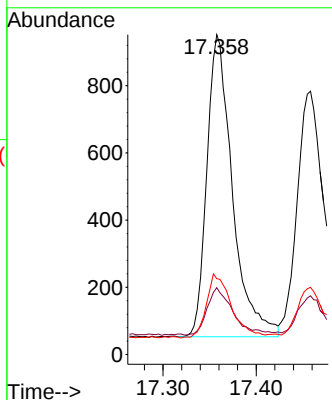


#15
Phenanthrene
Concen: 0.392 ng/ul
RT: 17.358 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM033573.D
Acq: 22 Dec 2021 13:15

Instrument :
BNA_M
ClientSampleId :

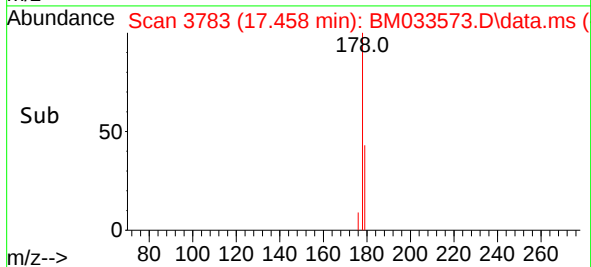
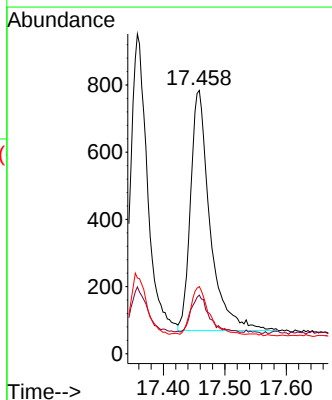
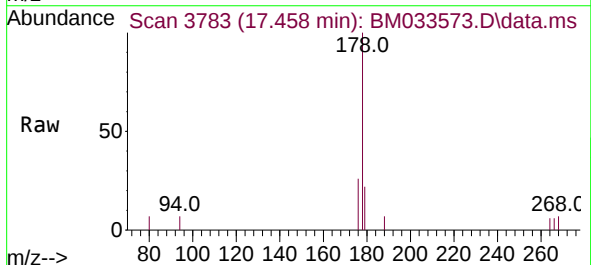


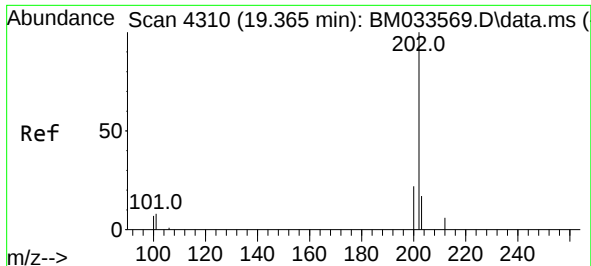
Tgt Ion:178 Resp: 1712
Ion Ratio Lower Upper
178 100
179 20.9 15.0 22.6
176 23.7 17.9 26.9



#16
Anthracene
Concen: 0.385 ng/ul
RT: 17.458 min Scan# 3783
Delta R.T. 0.007 min
Lab File: BM033573.D
Acq: 22 Dec 2021 13:15

Tgt Ion:178 Resp: 1578
Ion Ratio Lower Upper
178 100
179 22.3 16.5 24.7
176 25.5 18.3 27.5

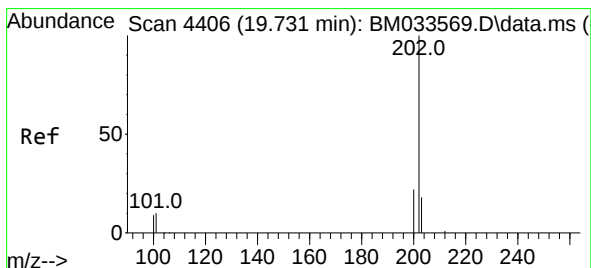
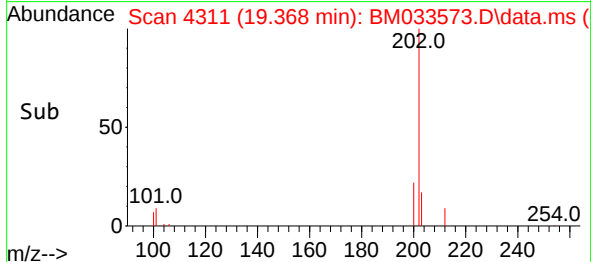
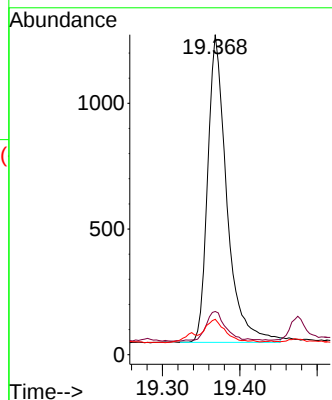
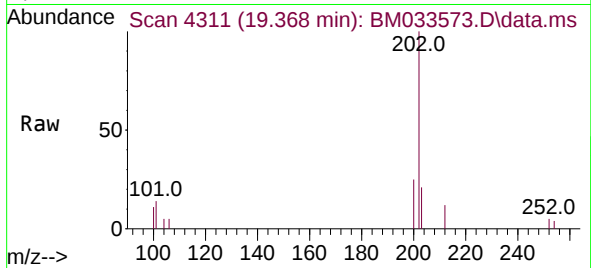




#19
Fluoranthene
Concen: 0.405 ng/u1
RT: 19.368 min Scan# 4310
Delta R.T. 0.004 min
Lab File: BM033573.D
Acq: 22 Dec 2021 13:15

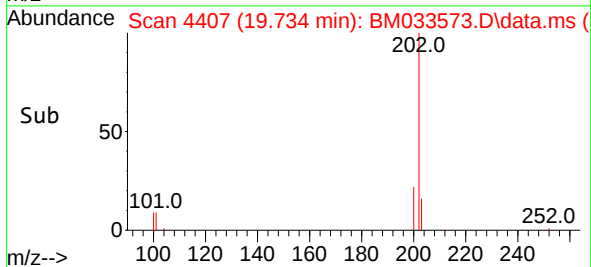
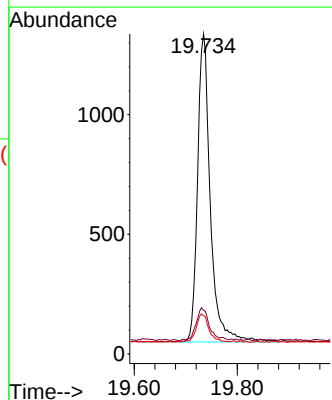
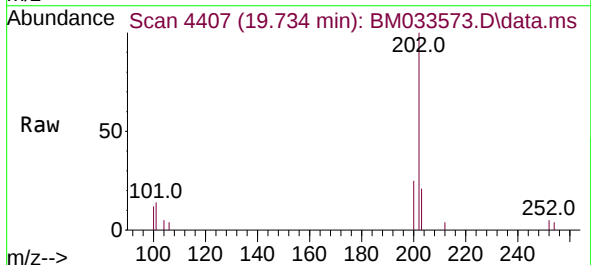
Instrument :
BNA_M
ClientSampleId :

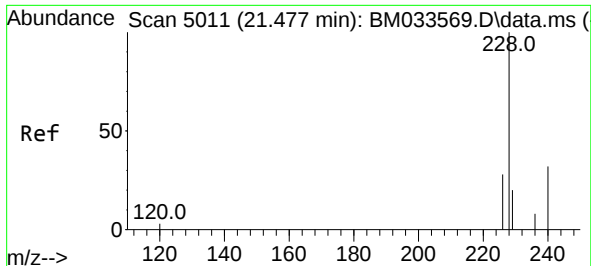
Tgt Ion:202 Resp: 2101
Ion Ratio Lower Upper
202 100
101 13.5 9.2 13.8
100 11.1 7.2 10.8#



#20
Pyrene
Concen: 0.407 ng/u1
RT: 19.734 min Scan# 4407
Delta R.T. 0.004 min
Lab File: BM033573.D
Acq: 22 Dec 2021 13:15

Tgt Ion:202 Resp: 2211
Ion Ratio Lower Upper
202 100
101 13.6 9.3 13.9
100 12.0 7.8 11.6#

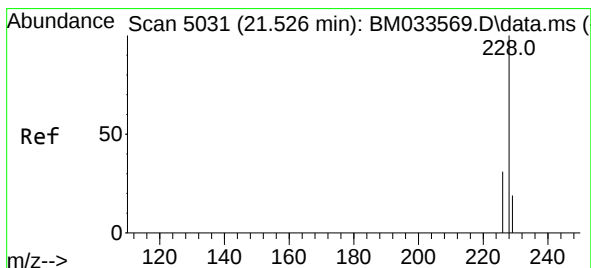
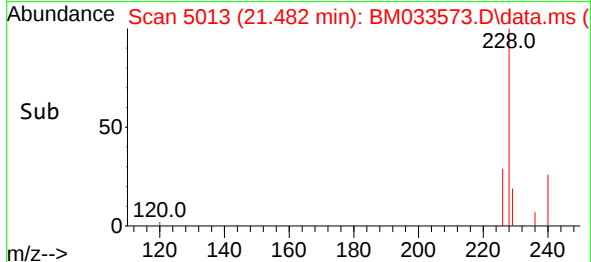
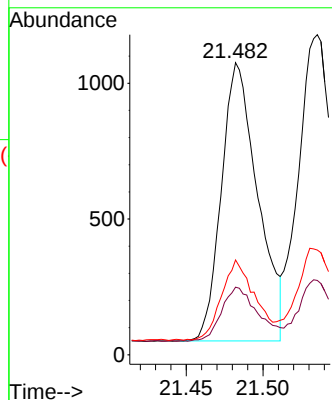
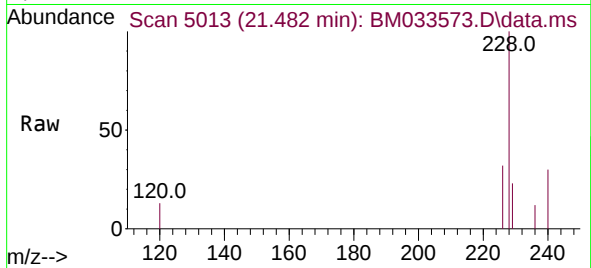




#21
Benzo(a)anthracene
Concen: 0.363 ng/ul
RT: 21.482 min Scan# 5011
Delta R.T. 0.005 min
Lab File: BM033573.D
Acq: 22 Dec 2021 13:15

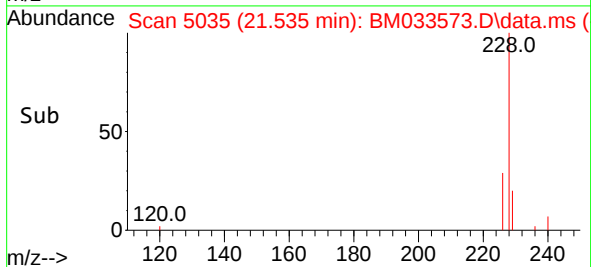
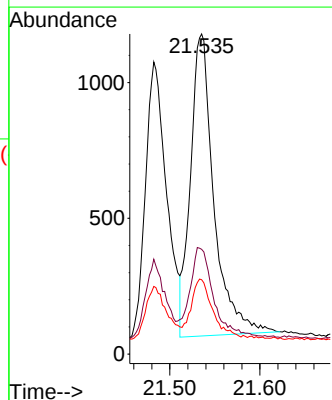
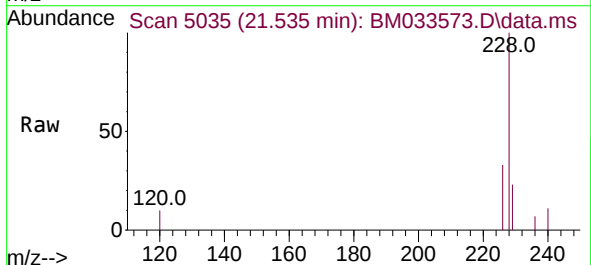
Instrument :
BNA_M
ClientSampleId :

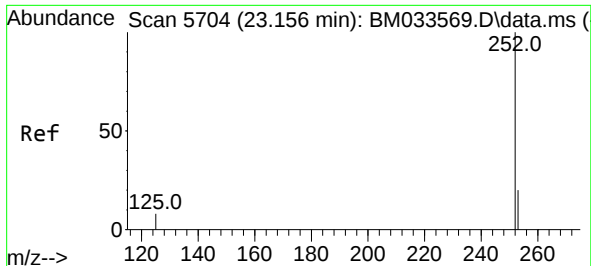
Tgt Ion:228 Resp: 1687
Ion Ratio Lower Upper
228 100
229 23.1 17.3 25.9
226 32.4 23.2 34.8



#22
Chrysene
Concen: 0.384 ng/ul
RT: 21.535 min Scan# 5035
Delta R.T. 0.010 min
Lab File: BM033573.D
Acq: 22 Dec 2021 13:15

Tgt Ion:228 Resp: 2012
Ion Ratio Lower Upper
228 100
226 32.7 25.8 38.8
229 23.2 16.7 25.1

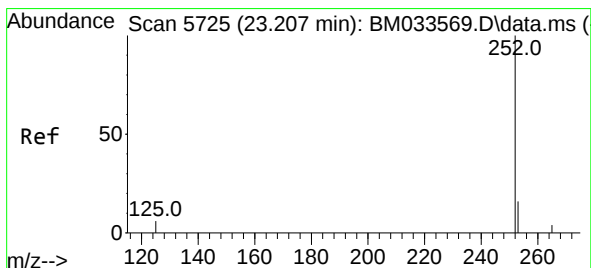
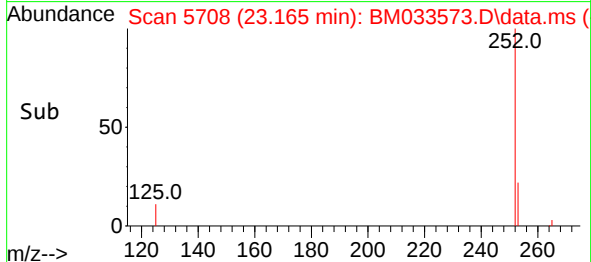
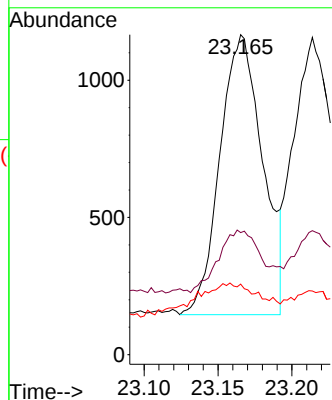
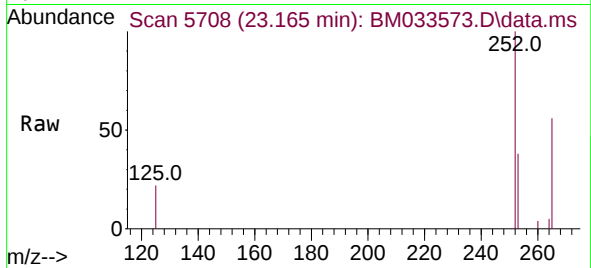




#24
Benzo(b)fluoranthene
Concen: 0.386 ng/ul
RT: 23.165 min Scan# 51
Delta R.T. 0.010 min
Lab File: BM033573.D
Acq: 22 Dec 2021 13:15

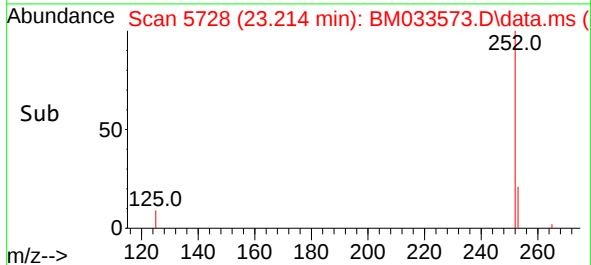
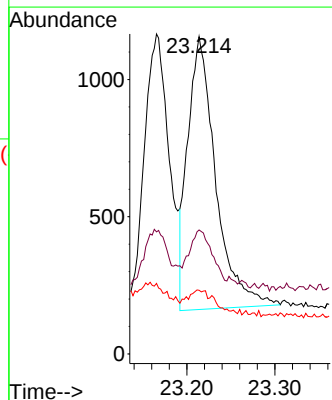
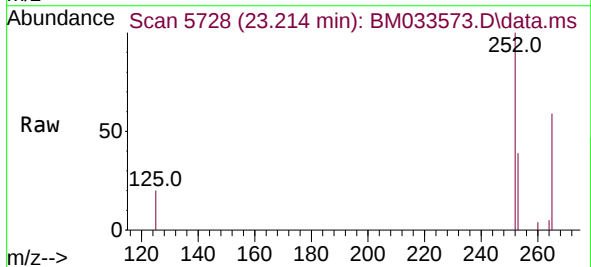
Instrument :
BNA_M
ClientSampleId :

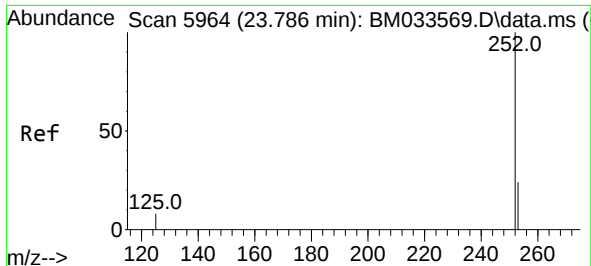
Tgt Ion:252 Resp: 2053
Ion Ratio Lower Upper
252 100
253 38.2 0.0 64.2
125 22.0 0.0 28.8



#25
Benzo(k)fluoranthene
Concen: 0.393 ng/ul
RT: 23.214 min Scan# 5728
Delta R.T. 0.007 min
Lab File: BM033573.D
Acq: 22 Dec 2021 13:15

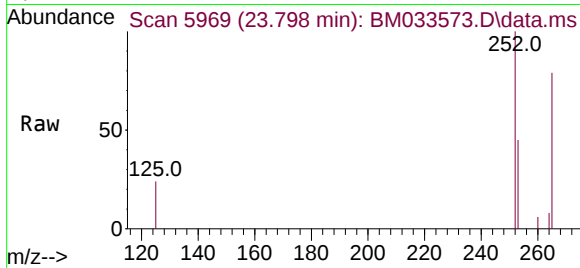
Tgt Ion:252 Resp: 2190
Ion Ratio Lower Upper
252 100
253 39.1 26.8 40.2
125 20.1 12.0 18.0#



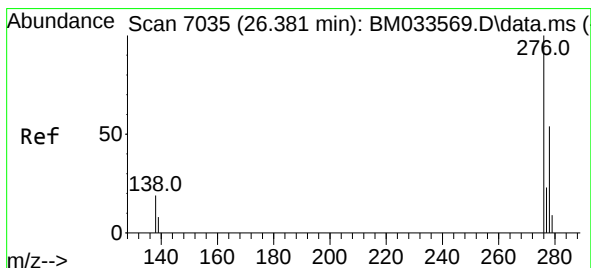
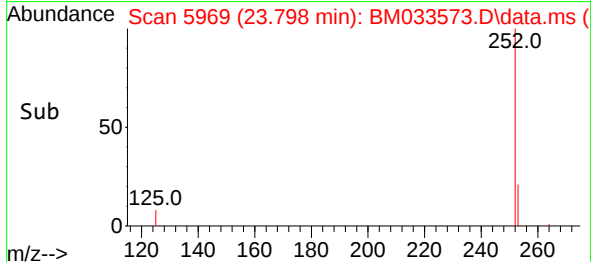
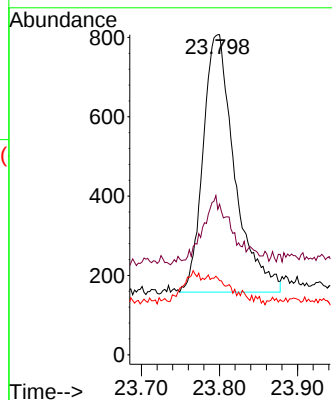


#26
Benzo(a)pyrene
Concen: 0.370 ng/ul
RT: 23.798 min Scan# 5969
Delta R.T. 0.012 min
Lab File: BM033573.D
Acq: 22 Dec 2021 13:15

Instrument :
BNA_M
ClientSampleId :

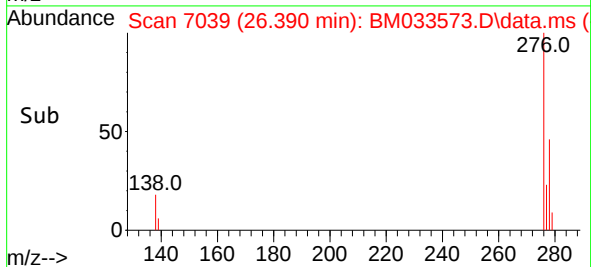
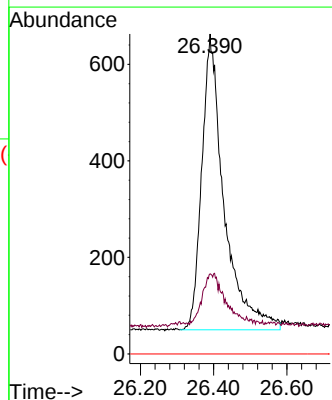
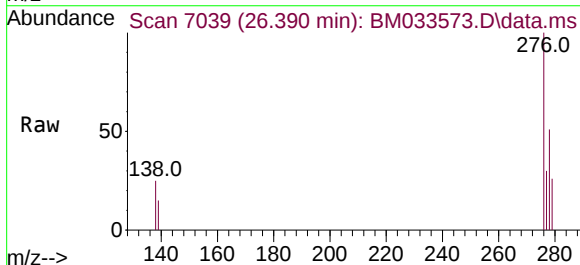


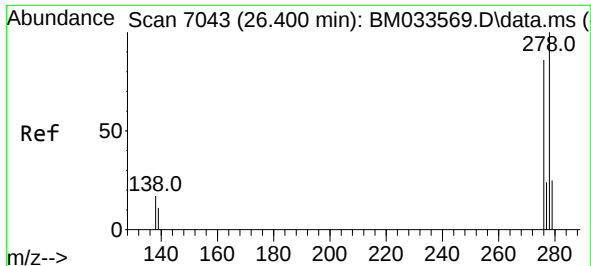
Tgt Ion:252 Resp: 1822
Ion Ratio Lower Upper
252 100
253 45.5 32.0 48.0
125 23.9 14.5 21.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.379 ng/ul
RT: 26.390 min Scan# 7039
Delta R.T. 0.010 min
Lab File: BM033573.D
Acq: 22 Dec 2021 13:15

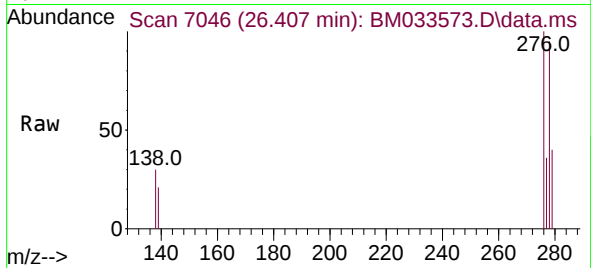
Tgt Ion:276 Resp: 2584
Ion Ratio Lower Upper
276 100
138 17.1 15.8 23.6
227 0.0 0.0 0.0



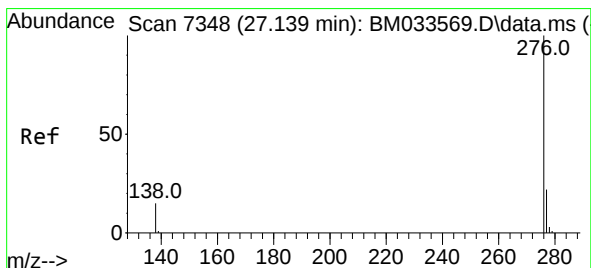
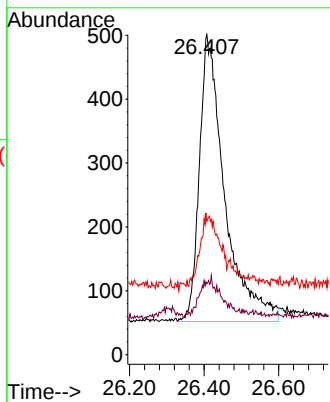
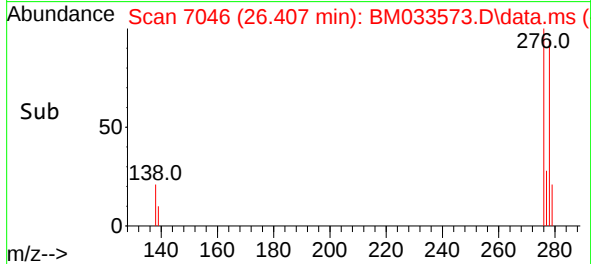


#28
 Dibenzo(a,h)anthracene
 Concen: 0.387 ng/ul
 RT: 26.407 min Scan# 7043
 Delta R.T. 0.007 min
 Lab File: BM033573.D
 Acq: 22 Dec 2021 13:15

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:278 Resp: 2115
 Ion Ratio Lower Upper
 278 100
 139 22.2 18.0 27.0
 279 41.7 28.6 42.8



#29
 Benzo(g,h,i)perylene
 Concen: 0.388 ng/ul
 RT: 27.158 min Scan# 7356
 Delta R.T. 0.019 min
 Lab File: BM033573.D
 Acq: 22 Dec 2021 13:15

Tgt Ion:276 Resp: 2336
 Ion Ratio Lower Upper
 276 100
 138 24.7 17.4 26.0
 277 30.5 22.6 33.8

